

MSD

Metropolitan Sewer District

Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

September 9, 2013

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
McNeely Lake WQTC; KPDES No.: KY0029416
Discharge Monitoring Reports –August 2013.**

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the McNeely Lake WQTC, KPDES No.: KY0029416 for the month of August 2013.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 540-6031.

Sincerely,



Duane V. Wright
Process Supervisor, Central region

JMK/McNeely Lake 08.13

Enclosures

cc: T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

DMR Copy of Record

Permit			
Permit #:	KY0029416	Permittee:	MCNEELY LAKE WQTC MSD
Major:	No	Permittee Address:	10300 ROD N REEL RD LOUISVILLE, KY 40229
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	MCNEELY LAKE WQTC MSD 10300 ROD N REEL RD LOUISVILLE, KY 40229

Report Dates & Status			
Monitoring Period:	From 08/01/13 to 08/31/13	DMR Due Date:	10/28/13
Status:	NetDMR Validated		

Considerations for Form Completion
 Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer			
First Name:	Greg	Title:	Exec. Dir.
Last Name:	Heitzman	Telephone:	502-540-6000

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	7				=	7				19 - mg/L	0	29/30 - 29 Per Month	GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L	01/07 - Weekly		GR - GRAB	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	8			12 - SU	0	20/30 - Twenty Per Month	GR - GRAB	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM		12 - SU	01/07 - Weekly		GR - GRAB		
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	14	=	35	26 - lb/d	=	23	=	55	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	51 30DA AVG	<=	103 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.7	=	2	26 - lb/d	=	1	=	3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	7 30DA AVG	<=	14 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	5.2	=	7.7	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS		
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.074	=	0.086	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD					99/99 - Continuous		CN - CONTIN		
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	7	=	28	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4	=	6	26 - lb/d	=	7	=	10	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	26 30DA AVG	<=	51 DAILY MX	26 - lb/d	<=	15 30DA AVG	<=	30 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI														

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments		
Name	Type	Size
McNeely082013_cover.pdf	pdf	17545
McNeely082013_MOR.pdf	pdf	23851

Report Last Saved By
MCNEELY LAKE WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2013-09-23 09:05 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

McNeely Lake		Report for		Aug-13		Tot. Exc.=		0				
Tot. Flow= 2.29793				Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
8/1/13	0.066	8	6	0.5		4.385	3.289	0.274	4.69	7.5	6	0.01
8/2/13	0.069				7					7.2	6	0.01
8/3/13	0.076									7.2	6.2	0.01
8/4/13	0.076									7.4	6.2	0.01
8/5/13	0.071									7		0.01
8/6/13	0.071									7		0.01
8/7/13	0.072									7.8	7.2	0.01
8/8/13	0.075	18	10	0.56		11.196	6.220	0.348	4.4	7	6.8	0.01
8/9/13	0.071				28					7	6.4	0.01
8/10/13	0.080									7.1	6.2	0.01
8/11/13	0.081									6.9	6.3	0.01
8/12/13	0.080									7		0.01
8/13/13	0.072									7	6.2	0.01
8/14/13	0.067									7.4	7	0.01
8/15/13	0.068	12	3	0.62		6.850	1.713	0.354	3.84	7.3	7.5	0.01
8/16/13	0.067				8					7.4	6.2	0.01
8/17/13	0.077									7.2	6.2	0.01
8/18/13	0.079									7		0.01
8/19/13	0.074									7.3	6.1	0.01
8/20/13	0.078									7.1		0.01
8/21/13	0.080									7.1		0.01
8/22/13	0.076	55	7	2.8		34.985	4.453	1.781	7.68	7.1	6.2	0.01
8/23/13	0.060				2					7.2		0.01
8/24/13	0.076									8.4		0.01
8/25/13	0.082									9		0.01
8/26/13	0.074									7.9	6.5	0.01
8/27/13	0.076											0.01
8/28/13	0.075									7.7	6	0.01
8/29/13	0.073									7.3		0.01
8/30/13	0.070									7.1	6.1	0.01
8/31/13	0.086									7	7.7	0.01
Average	0.074	23	7	1	7.48	14	3.918	0.69	5.2	7.32	6	0.01
Maximum	0.086	55	10	2.8	28.00	35	6.220	1.8	7.7	9.00	8	0.01
Exceed.	0	0	0	0	0	0	0	0				